

## Water Management

## Greene County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
4: Knoke-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone Hard to pack	1.00 0.51	Somewhat limited Slow refill Cutbanks cave	0.95 0.10
6: Okoboji-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Hard to pack	1.00 0.82	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
27B: Terril-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.64	Very limited Deep to water	1.00
27C: Terril-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.53	Very limited Deep to water	1.00
28B: Dickman-----	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Deep to water	1.00
28C2: Dickman-----	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Deep to water	1.00
34: Estherville-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.98	Very limited Deep to water	1.00
34B: Estherville-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.98	Very limited Deep to water	1.00
34C2: Estherville-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.98	Very limited Deep to water	1.00
34D2: Estherville-----	Very limited Seepage Slope	1.00 0.01	Somewhat limited Seepage	0.98	Very limited Deep to water	1.00

FIELD OFFICE TECHNICAL GUIDE Sec. II  
ENGINEERING INTERPRETATIONS

Water Management

Greene County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
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48: Knoke-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone Hard to pack	1.00 0.59	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
55: Nicollet-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.02 0.01	Somewhat limited Deep to water Slow refill Cutbanks cave	0.68 0.30 0.10
62C2: Storden-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
62D2: Storden-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
62E2: Storden-----	Somewhat limited Seepage Slope	0.70 0.04	Very limited Piping	1.00	Very limited Deep to water	1.00
62F: Storden-----	Somewhat limited Seepage Slope	0.70 0.18	Very limited Piping	1.00	Very limited Deep to water	1.00
62G: Storden-----	Somewhat limited Seepage Slope	0.70 0.64	Very limited Piping	1.00	Very limited Deep to water	1.00
90: Okoboji-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Hard to pack	1.00 0.55	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
95: Harps-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10

FIELD OFFICE TECHNICAL GUIDE Sec. II  
ENGINEERING INTERPRETATIONS

Water Management

Greene County, Iowa

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107: Webster-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.08	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
108: Wadena-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
108B: Wadena-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
108C2: Wadena-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
135: Coland-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping	1.00 0.20	Somewhat limited Cutbanks cave	0.10
138B: Clarion-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
138B2: Clarion-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
138C: Clarion-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
138C2: Clarion-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
138D2: Clarion-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
168G: Hayden-----	Somewhat limited Seepage Slope	0.70 0.64	Somewhat limited Piping	0.64	Very limited Deep to water	1.00

FIELD OFFICE TECHNICAL GUIDE Sec. II  
ENGINEERING INTERPRETATIONS

Water Management

Greene County, Iowa

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
202: Cylinder-----	Very limited Seepage	1.00	Somewhat limited Seepage Depth to saturated zone	0.85 0.43	Very limited Cutbanks cave Deep to water	1.00 0.25
203: Cylinder-----	Very limited Seepage	1.00	Somewhat limited Seepage Depth to saturated zone	0.85 0.43	Very limited Cutbanks cave Deep to water	1.00 0.25
236B: Lester-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.22	Very limited Deep to water	1.00
236B2: Lester-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.22	Very limited Deep to water	1.00
236C: Lester-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.22	Very limited Deep to water	1.00
236C2: Lester-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.22	Very limited Deep to water	1.00
236D: Lester-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.22	Very limited Deep to water	1.00
236D2: Lester-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.22	Very limited Deep to water	1.00
236E: Lester-----	Somewhat limited Seepage Slope	0.70 0.04	Somewhat limited Piping	0.22	Very limited Deep to water	1.00
236F: Lester-----	Somewhat limited Seepage Slope	0.70 0.18	Somewhat limited Piping	0.22	Very limited Deep to water	1.00

FIELD OFFICE TECHNICAL GUIDE Sec. II  
ENGINEERING INTERPRETATIONS

Water Management

Greene County, Iowa

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
256D2:						
Lester-----	Somewhat limited		Somewhat limited		Very limited	
	Seepage	0.70	Piping	0.22	Deep to water	1.00
	Slope	0.01				
Storden-----	Somewhat limited		Very limited		Very limited	
	Seepage	0.70	Piping	1.00	Deep to water	1.00
	Slope	0.01				
256E2:						
Lester-----	Somewhat limited		Somewhat limited		Very limited	
	Seepage	0.70	Piping	0.22	Deep to water	1.00
	Slope	0.04				
Storden-----	Somewhat limited		Very limited		Very limited	
	Seepage	0.70	Piping	1.00	Deep to water	1.00
	Slope	0.04				
256F:						
Lester-----	Somewhat limited		Somewhat limited		Very limited	
	Seepage	0.70	Piping	0.22	Deep to water	1.00
	Slope	0.18				
Storden-----	Somewhat limited		Very limited		Very limited	
	Seepage	0.70	Piping	1.00	Deep to water	1.00
	Slope	0.18				
256G:						
Lester-----	Somewhat limited		Somewhat limited		Very limited	
	Seepage	0.70	Piping	0.22	Deep to water	1.00
	Slope	0.64				
Storden-----	Somewhat limited		Very limited		Very limited	
	Seepage	0.70	Piping	1.00	Deep to water	1.00
	Slope	0.64				
258:						
Biscay-----	Very limited		Very limited		Very limited	
	Seepage	1.00	Depth to	1.00	Cutbanks cave	1.00
			saturated zone			
			Seepage	0.24		
259:						
Biscay-----	Very limited		Very limited		Very limited	
	Seepage	1.00	Depth to	1.00	Cutbanks cave	1.00
			saturated zone			
			Seepage	0.91		

FIELD OFFICE TECHNICAL GUIDE Sec. II  
ENGINEERING INTERPRETATIONS

Water Management

Greene County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
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307: Dundas-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.01	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
308: Wadena-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
308B: Wadena-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
325: Le Sueur-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.43 0.34	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
383: Marna-----	Somewhat limited Seepage	0.57	Very limited Depth to saturated zone Hard to pack	1.00 0.04	Somewhat limited Slow refill Cutbanks cave	0.43 0.10
385: Guckeen-----	Somewhat limited Seepage	0.05	Somewhat limited Piping	0.01	Somewhat limited Slow refill Deep to water Cutbanks cave	0.99 0.90 0.10
386: Cordova-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.08	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
458: Millington-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping Seepage	1.00 0.83 0.06	Very limited Cutbanks cave Slow refill	1.00 0.30

FIELD OFFICE TECHNICAL GUIDE Sec. II  
ENGINEERING INTERPRETATIONS

Water Management

Greene County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
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485: Spillville-----	Very limited Seepage	1.00	Somewhat limited Piping	0.62	Somewhat limited Deep to water Cutbanks cave	0.81 0.10
485B: Spillville-----	Very limited Seepage	1.00	Somewhat limited Piping	0.62	Somewhat limited Deep to water Cutbanks cave	0.81 0.10
506: Wacousta-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
507: Canisteo-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
508: Calcousta-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.50	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
566: Moingona-----	Somewhat limited Seepage	0.70	Somewhat limited Piping Seepage	0.80 0.07	Very limited Deep to water	1.00
566C: Moingona-----	Somewhat limited Seepage	0.70	Somewhat limited Piping Seepage	0.80 0.07	Very limited Deep to water	1.00
585B: Coland-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping	1.00 0.20	Somewhat limited Cutbanks cave	0.10
Spillville-----	Very limited Seepage	1.00	Somewhat limited Piping	0.62	Somewhat limited Deep to water Cutbanks cave	0.81 0.10

FIELD OFFICE TECHNICAL GUIDE Sec. II  
ENGINEERING INTERPRETATIONS

Water Management

Greene County, Iowa

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638C2: Clarion-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
Storden-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
638D2: Clarion-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
Storden-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
638E2: Clarion-----	Somewhat limited Seepage Slope	0.70 0.04	Very limited Piping	1.00	Very limited Deep to water	1.00
Storden-----	Somewhat limited Seepage Slope	0.70 0.04	Very limited Piping	1.00	Very limited Deep to water	1.00
639C2: Salida-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.95	Very limited Deep to water	1.00
Storden-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
639D2: Salida-----	Very limited Seepage Slope	1.00 0.01	Somewhat limited Seepage	0.95	Very limited Deep to water	1.00
Storden-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
655: Crippin-----	Somewhat limited Seepage	0.70	Somewhat limited Piping Depth to saturated zone	0.50 0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10



FIELD OFFICE TECHNICAL GUIDE Sec. II  
ENGINEERING INTERPRETATIONS

Water Management

Greene County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
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658: Mayer-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00	Very limited Cutbanks cave	1.00
659: Mayer-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00	Very limited Cutbanks cave	1.00
733: Calco-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.30
					Cutbanks cave	0.10
878: Ocheyedan-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
878B: Ocheyedan-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
878B2: Ocheyedan-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
878C2: Ocheyedan-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
879: Fostoria-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.50	Somewhat limited Slow refill	0.30
			Depth to saturated zone	0.43	Deep to water	0.25
					Cutbanks cave	0.10
1048: Knoke-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.30
			Hard to pack	0.53	Cutbanks cave	0.10

FIELD OFFICE TECHNICAL GUIDE Sec. II  
ENGINEERING INTERPRETATIONS

Water Management

Greene County, Iowa

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1135: Coland-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping	1.00 0.35	Somewhat limited Cutbanks cave	0.10
1308: Wadena Variant-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.17	Very limited Deep to water	1.00
1585: Coland-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping	1.00 0.20	Somewhat limited Cutbanks cave	0.10
1585B: Coland-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping	1.00 0.20	Somewhat limited Cutbanks cave	0.10
2315: Fluvaquents-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping	1.00 1.00	Somewhat limited Cutbanks cave	0.10
Coland-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping	1.00 0.20	Somewhat limited Cutbanks cave	0.10
5010: Pits-----	Not rated		Not rated		Not rated	
5020: Pits-----	Not rated		Not rated		Not rated	
5040: Orthents-----	Not rated		Not rated		Not rated	

Water Management

Greene County, Iowa

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5041: Udorthents-----	Not rated		Not rated		Not rated	
W: Water-----	Not rated		Not rated		Not rated	